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Entry 1 of 2

File: JPAB

Apr 2, 1992

PUB-NO: JP404100534A

DOCUMENT-IDENTIFIER: JP 04100534 A

TITLE: NON-AQUEOUS EMULSIFIED COMPOSITION

PUBN-DATE: April 2, 1992

## INVENTOR-INFORMATION:

NAME

TORITSUKA, MAKOTO

## ASSIGNEE-INFORMATION:

NAME COUNTRY

KAO CORP N/A

APPL-NO: JP02214176

APPL-DATE: August 13, 1990

INT-CL (IPC): B01J 13/00; A61K 7/00; B01F 3/08; B01F 17/52

## ABSTRACT :

PURPOSE: To obtain an F/0 type non-aqueous emulsified composition excellent in spreadability and stability with the elapse of time and enhanced in the lasting properties of effect by compounding a fluoropolymer having a perfluoroalkyl group and an alkyl group in its molecule, a liquid org. perfluoro-compound and an oily base material.

CONSTITUTION: A fluoropolymer having a perfluoroalkyl group and an alkyl group in its molecule, a liquid org. perfluoro-compound and an oily base material are compounded to prepare a non-aqueous emulsified composition showing an org. perfluoro-compound in oil type dispersion state. The fluoropolymer has a perfluoroalkyl group and an alkyl group in its molecule. The org. perfluoro-compound is liquid at room temp. and, for example, perfluoroalkane or

perfluoropolyether is designated. As the oily base material, oils and fats, wax, alcohol, higher fatty acid or silicone oil are designated.

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Image |
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2. Document ID: JP 2876160 B2, JP 04100534 A

Entry 2 of 2

File: DWPI

Mar 31, 1999

DERWENT-ACC-NO: 1992-162553

DERWENT-WEEK: 199918

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TITLE: Aprotic emulsion for cosmetics with longer durability -  
contg. fluoro-poly mer contg. per:fluoroalkyl gps. and alkyl gps.  
liq. per:fluoro organic cpd. and an oily base

PATENT-ASSIGNEE: KAO CORP[KAOS]

PRIORITY-DATA:

1990JP-0214176

August 13, 1990

PATENT-FAMILY:

| PUB-NO               | PUB-DATE       | LANGUAGE | PAGES | MAIN-IPC   |
|----------------------|----------------|----------|-------|------------|
| JP 2876160 B2        | March 31, 1999 | N/A      | 005   | B01J013/00 |
| <u>JP 04100534 A</u> | April 2, 1992  | N/A      | 006   | N/A        |

APPLICATION-DATA:

| PUB-NO       | APPL-DESCRIPTOR | APPL-NO        | APPL-NO        |
|--------------|-----------------|----------------|----------------|
| JP 2876160B2 | August 13, 1990 | 1990JP-0214176 | N/A            |
| JP 2876160B2 | N/A             | JP 4100534     | Previous Publ. |
| JP04100534A  | August 13, 1990 | 1990JP-0214176 | N/A            |

INT-CL (IPC): A61K 7/00; B01F 3/08; B01F 17/52; B01J 13/00

ABSTRACTED-PUB-NO: JP04100534A

BASIC-ABSTRACT:

Emulsion contains a fluoropolymer (A) which has perfluoroalkyl gps. and alkyl gps. a liq. perfluoro organic cpd. (B), and an oily base (C).

(A) includes copolymer of alkyl(meth)acrylate and (meth)acrylate having fluoroalkyl gps. which has a mol.wt. of 500-2,000,000. Suitable amt. of (A) is 0.1-40 wt.%. (B) includes perfluoroalkane or perfluoropoly ether which has a mol.wt. 500-100,000. Suitable amt. of (B) is 10-95 wt%. (C) includes fat, wax, hydrocarbon, ester oil, higher alcohol or fatty acid, or silicone oil. Suitable amt. of (C) is 0.5-80 wt%.

USE/ADVANTAGE - Used for cosmetics like cream, foundation, eye shadow or lip cream, medicines, or agriculture chemical. The perfluoro organic cpds. hardly mix with sweat or other secreting liq. so that the emulsion has a longer operating life. (0/0)

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: APROTIC EMULSION COSMETIC LONG DURABLE CONTAIN FLUORO POLYMER CONTAIN PER FLUOROALKYL GROUP ALKYL GROUP LIQUID PER FLUORO ORGANIC COMPOUND OIL BASE

ADDL-INDEXING-TERMS:  
ALKYL! METHACRYLATE! ACRYLATE!

DERWENT-CLASS: A96 D21

CPI-CODES: A10-E04A; A12-V04; D08-B11;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0642S

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0210 0231 0495 0496 0502 0503 0600 0601 0970 0971 1279  
1306 2501 2511 2585 2761 2766 3261 3262

Multipunch Codes: 014 034 04- 05- 062 064 074 076 077 081 085 090  
147 229 27& 28& 38- 397 475 52& 525 53& 575 583 589 611 645 728 023  
049 049 050 050 060 060 097 097 127 130 250 251 258 276 276 326 326

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-074762

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including document number

2

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